

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.15**SOURCE INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** SIR-002015**Date Inspected:** 13-Apr-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Chang xing Dao, Shanghai**Quality Control Contact:** Mr. Don Walton**Quality Control Present:** Yes No**Material transfer:** Yes No N/A**Sampled Items:** Yes No N/A**Stock Transfer:** Yes No N/A**OK to Cut:** Yes No N/A**Rebar Test Witness:** Yes No N/A**Delayed/Cancelled:** Yes No N/A**Other:** Coating Inspection**Bridge No:** 34-0006**Component:** See Below**Bid Item:** 77, 78, 79**Lot No:** B #204**Summary of Items Observed:**

On this date Caltrans Office of Structural Materials (OSM) Quality Assurance (QA) NACE II coating inspector, Mr. Baskar Govindarajan arrived on site at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island in Shanghai, China. The purpose of the coating inspections are to monitor the surface preparation and coating applications for the SAS Bay Bridge project. This QA NACE II coating inspector observed the following:

1. An inspection was requested on the OBG Segment 9CE for Degreasing and Washing inspection of External and internal surfaces, vide request no. 3118 at West Gate of Bay no. 13 Fabrication workshop. This Caltrans inspector observed, ABF inspectors Mr. Turtle and Mr. Wei performing said inspection check on both external and internal surfaces. All the drilled holes were inspected for degreasing and all the surfaces found clean after washing with water. The same was found accepted for further action by ABF Inspectors. (Photograph of Segment 9CE is attached which was taken after washing process). International protective coatings technical service representative Mr. Li peng was found present during the course of this inspection process.

2. An inspection was requested on the OBG segment 9BE for DFT checking of Internal ceiling and internal floor beams vide request no. 3119 at Paint shop 1. This Caltrans inspector observed, ABF inspectors Mr. Sun, Mr. Wei, Mr. Turtle and Mr. Stone performing said inspection check on internal ceiling and floor beam surfaces. This was rejected by ABF inspectors due to porosity, Misses, holidays, Overblast and Low/ High DFT in some of the areas. Ambient temperature inside the paint shop no. 1 found to be 12.7 deg. above due point and relative humidity found to be 36.4% which is acceptable as per contract documents. (Photo of these readings taken with Due point meter is attached with this report). Areas marked for weld repair for linear porosity. International protective coatings technical service representative Mr. Li peng was found present during the course of this inspection process.

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Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.



Summary of Conversations:

No applicable conversations

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Skyler Guest (15000422360), who represents the Office of Structural Materials for your project.

Inspected By:	Baskar, Govindarajan	Quality Assurance Inspector
Reviewed By:	Clifford, William	QA Reviewer
